

20200825001

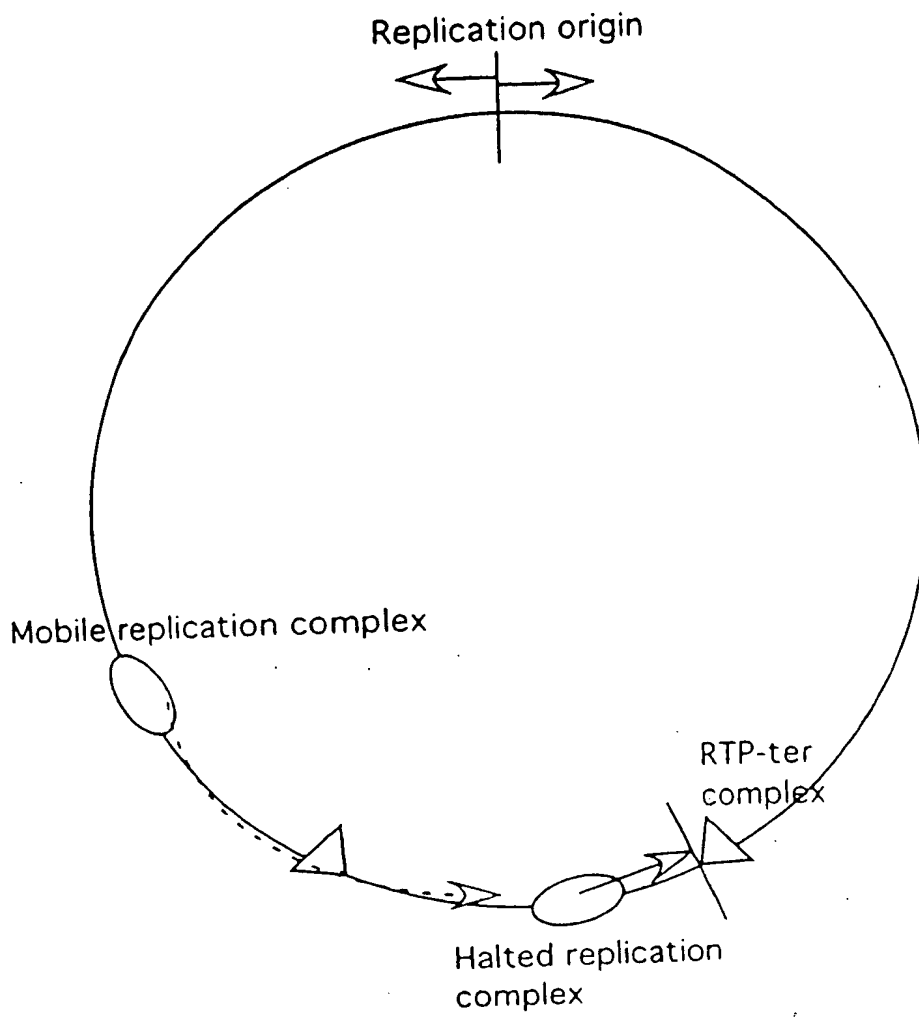
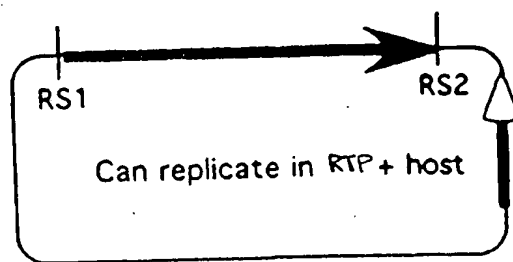
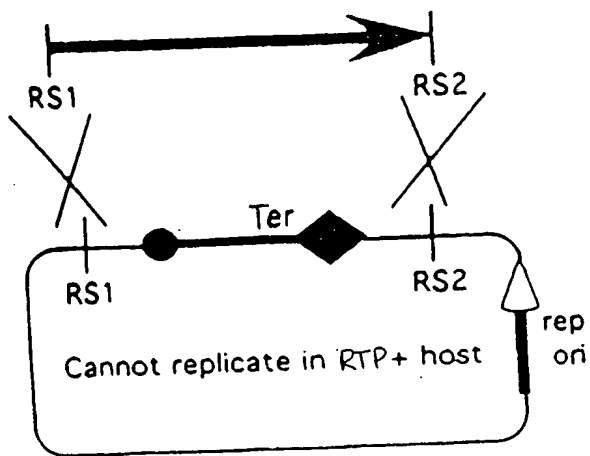
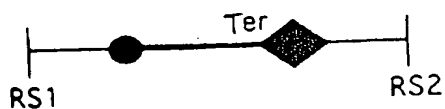


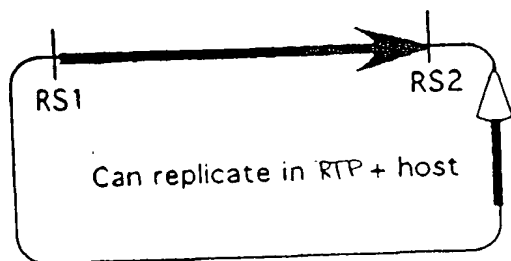
Fig. 1



Recombination  
reaction

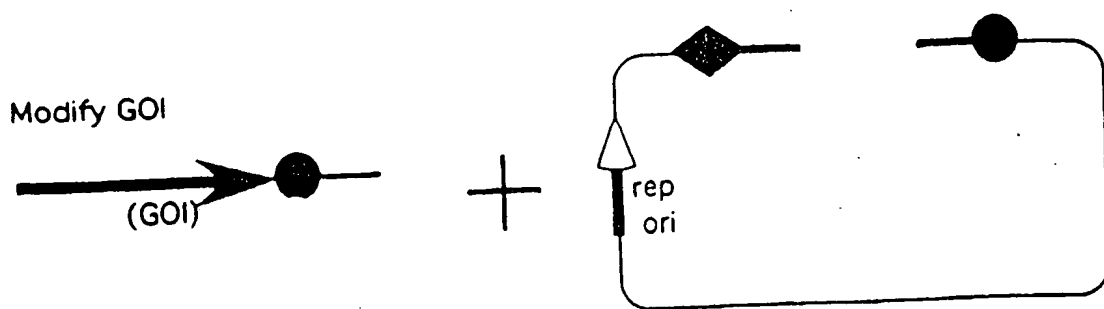


+



Transform  
RTP + host

Fig. 2



ligate

Transform RTP+ host

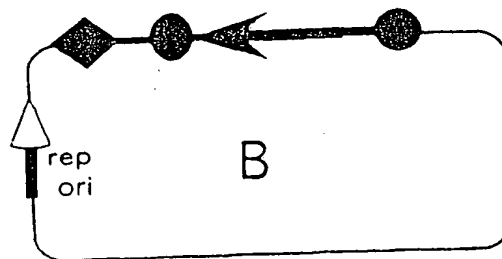
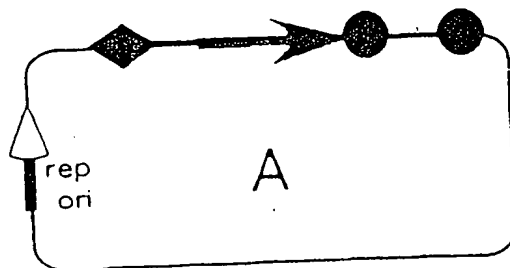


Fig. 3

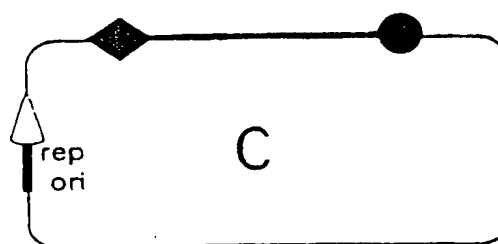
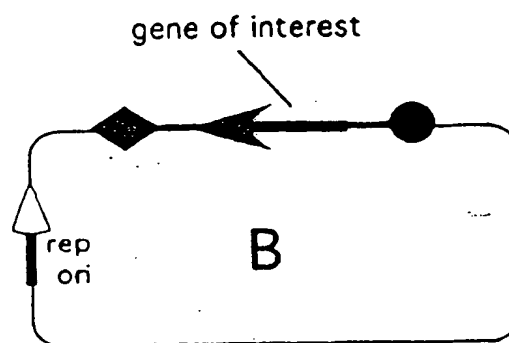
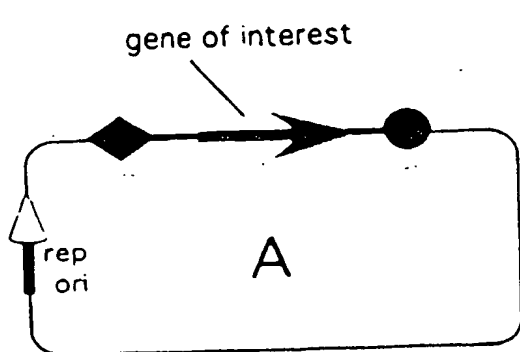
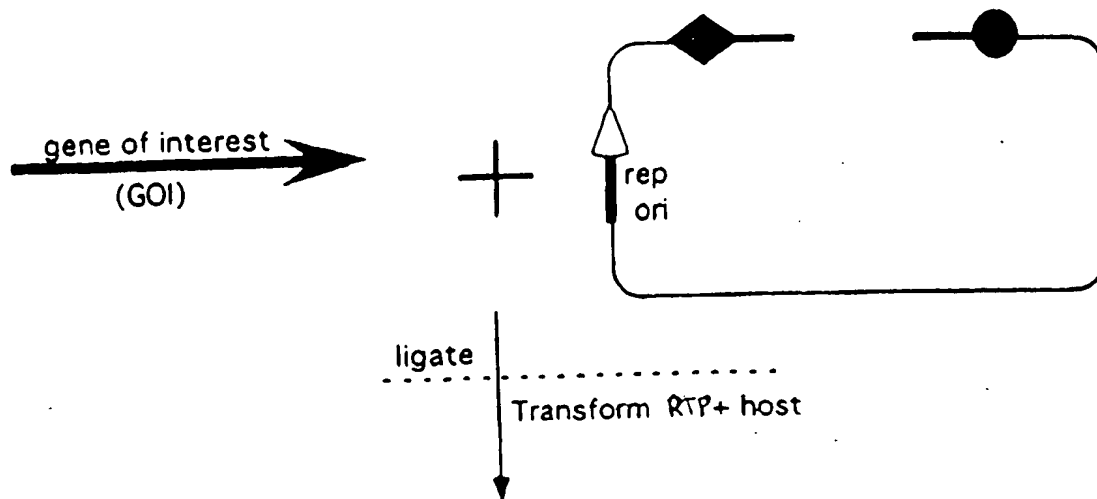


Fig. 4

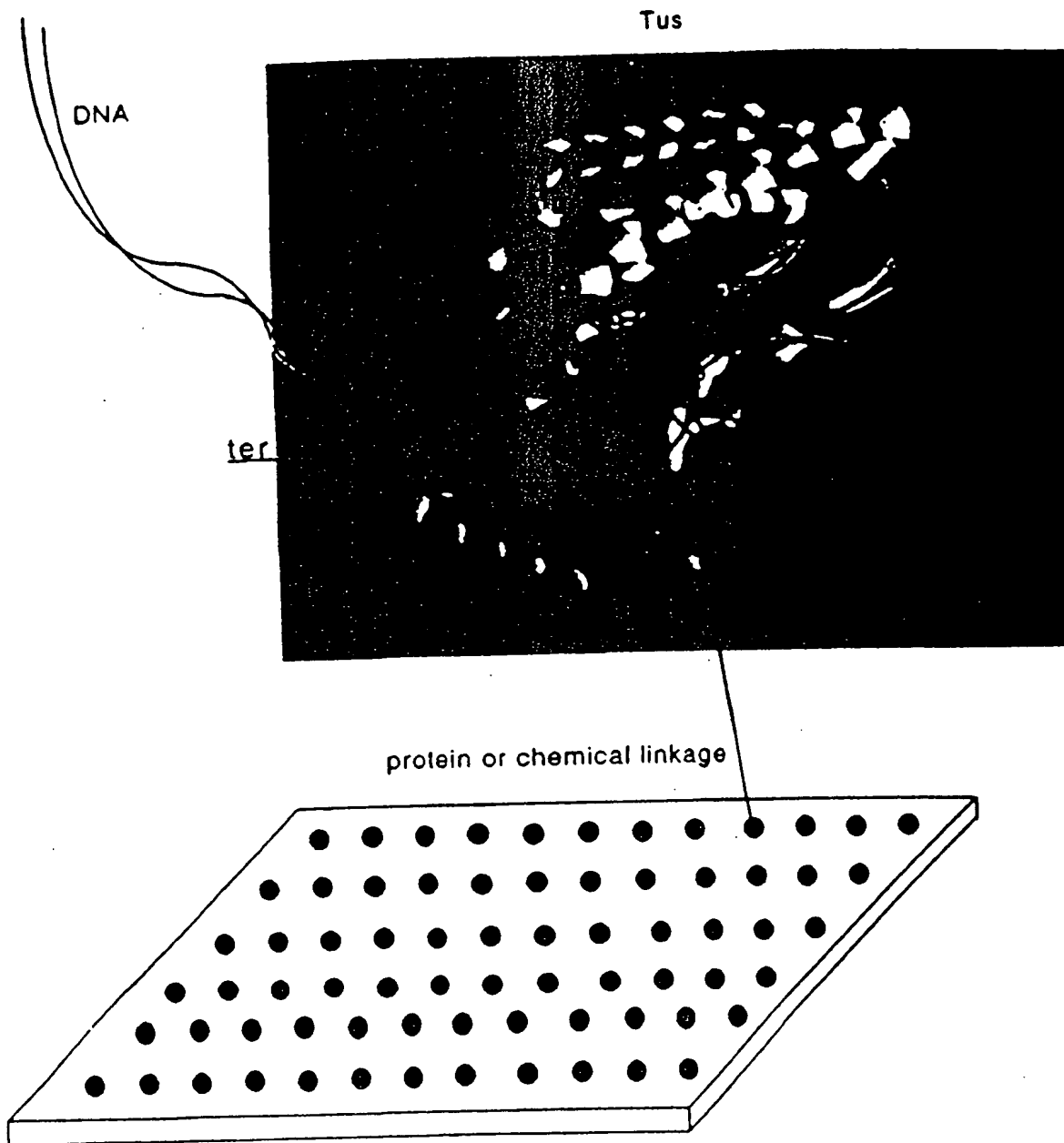
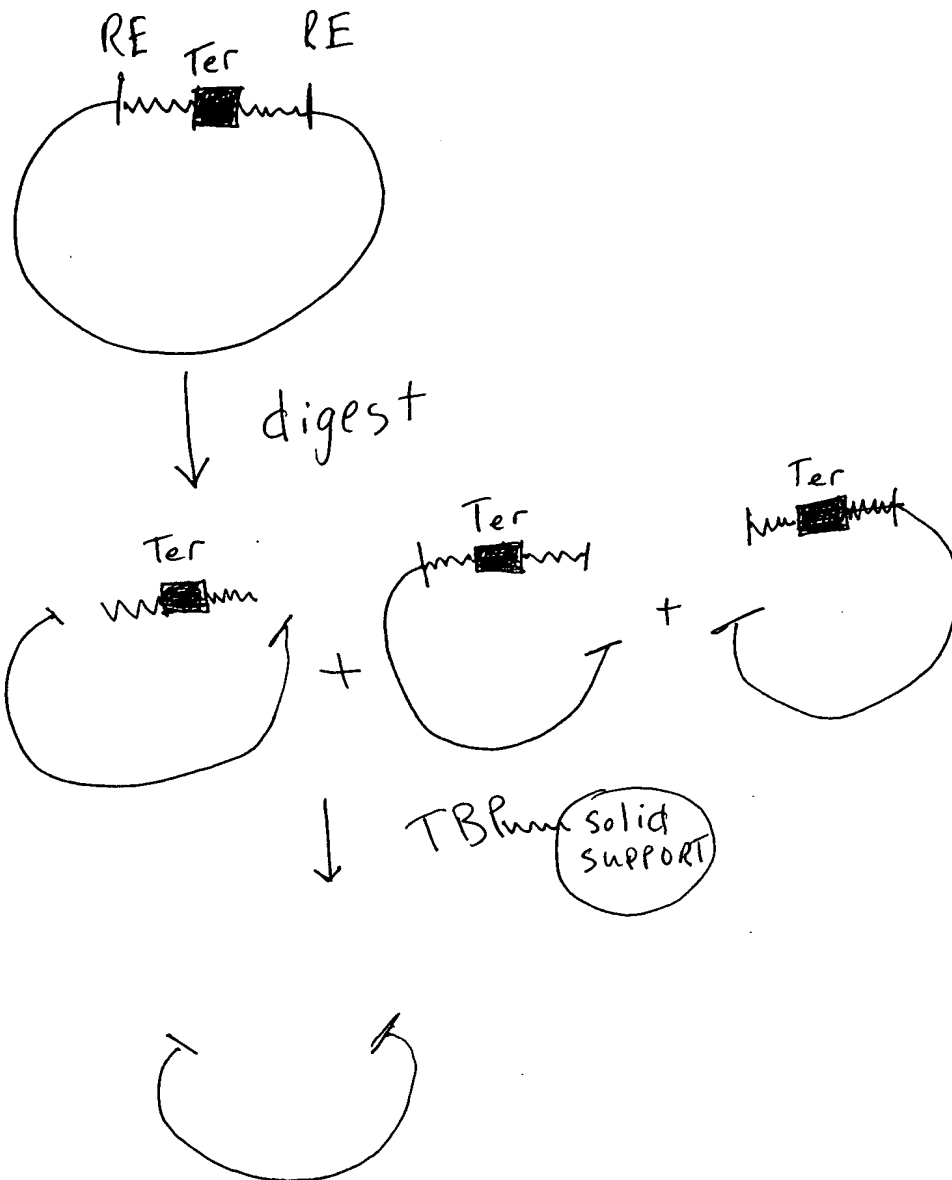


Fig. 5

FIG. 6A



10067543.020202

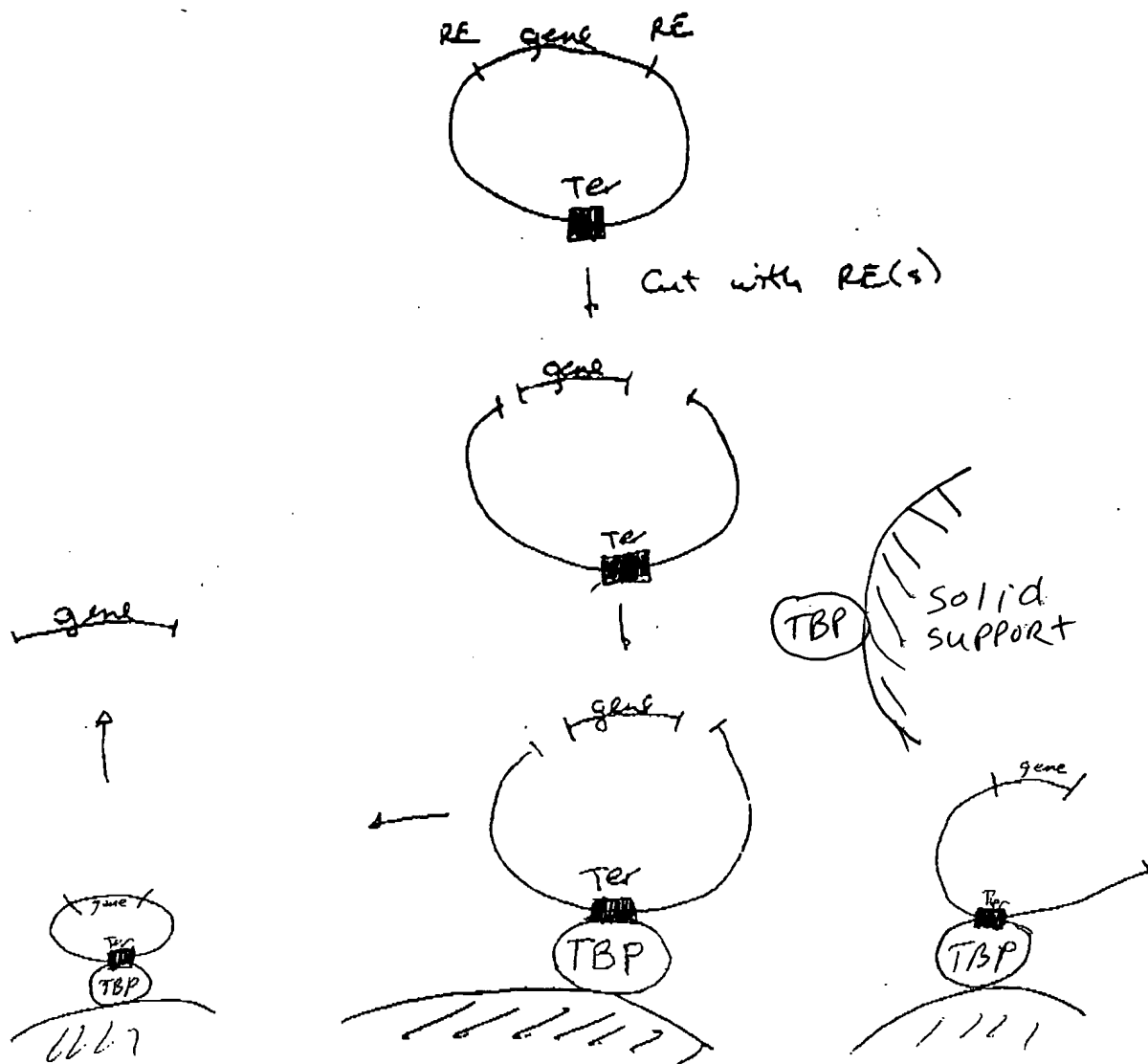
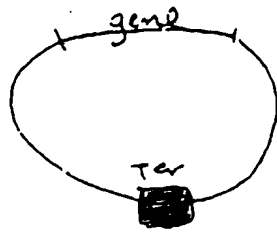


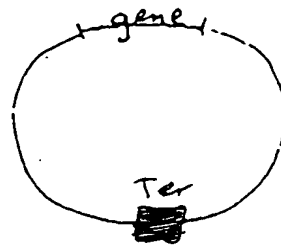
Fig. 6B



↓ PCR

~~gene~~  
~~gene~~  
~~gene~~  
~~gene~~

+



↓

TBP

solid support

~~gene~~  
~~gene~~  
~~gene~~  
~~gene~~

Fig. 7

10067543.020702



↓ Probe



↓ Detect

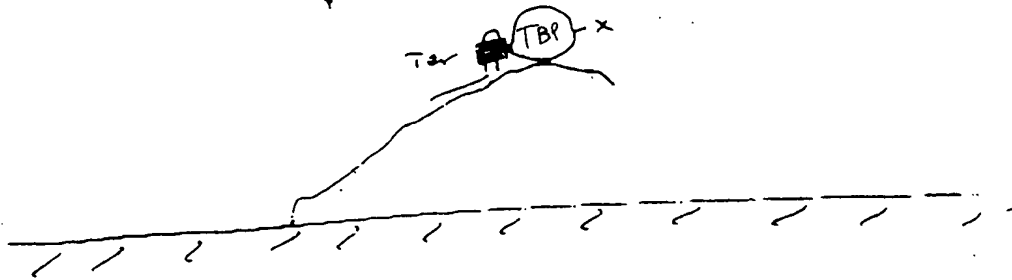
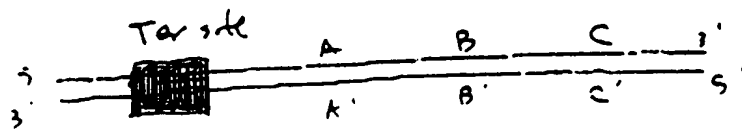
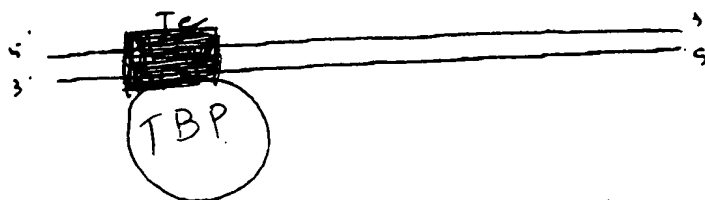


Fig. 8

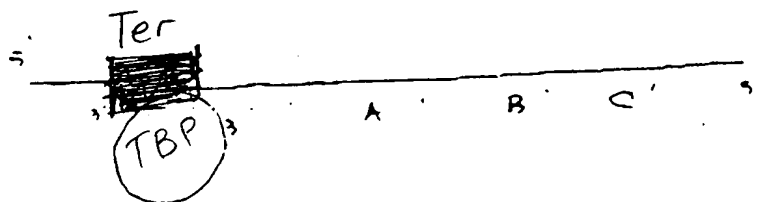
1067543.0070



↓ Add



↓ Add exonuclease, e.g. 3' exo



↓  
Priming

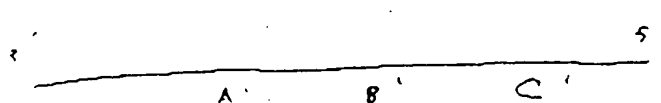


FIG 9

10067513 000700

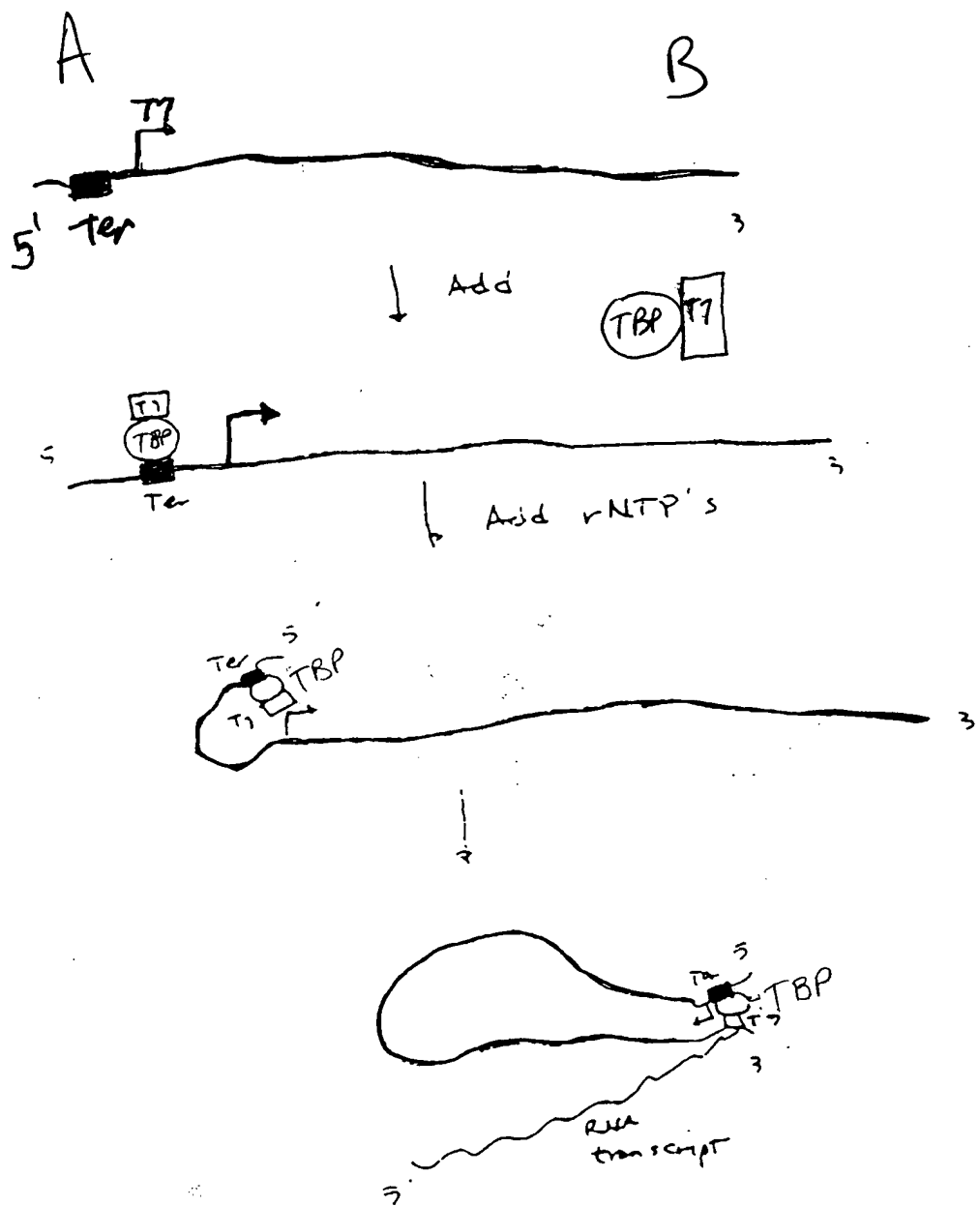


FIG 10

10057543.020702

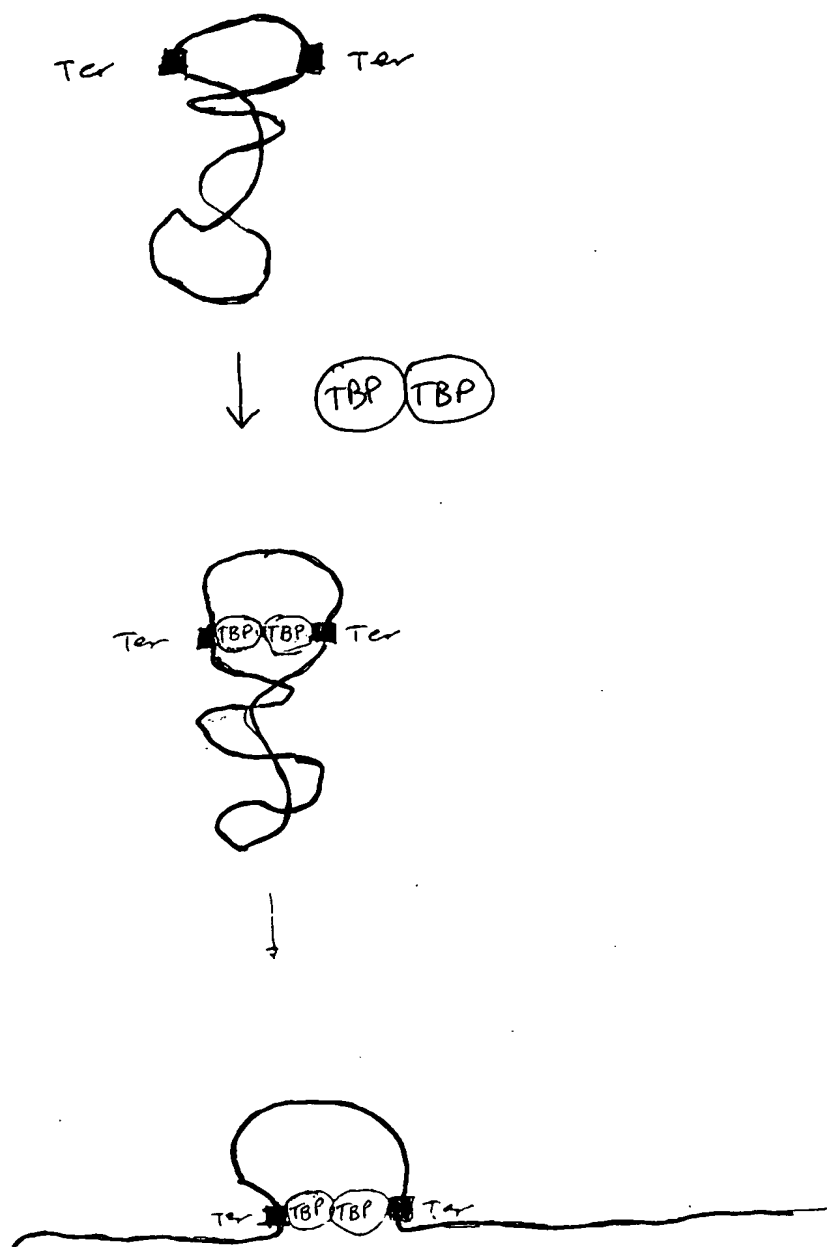


Fig. 11

A | ter' | anneal  
oligo #1

ter  
oligo #2

↓ anneal

A | ter' | anneal  
|  
| ter |

↓ add  
TBP

A | ter' | anneal  
|  
| ter |  
|  
| TBP |

↓ PCR

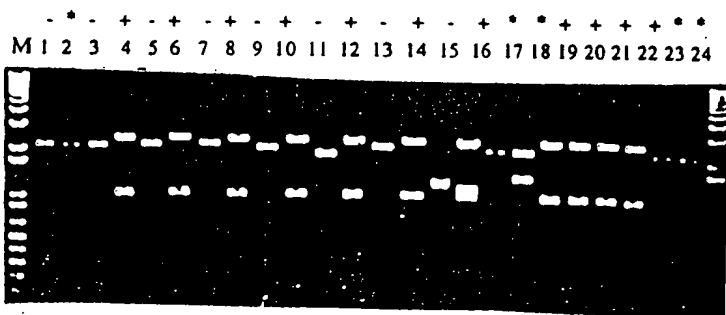
A | ter' | anneal  
|  
| ter |  
|  
| nick |

↓ deproteinize  
and remove ter

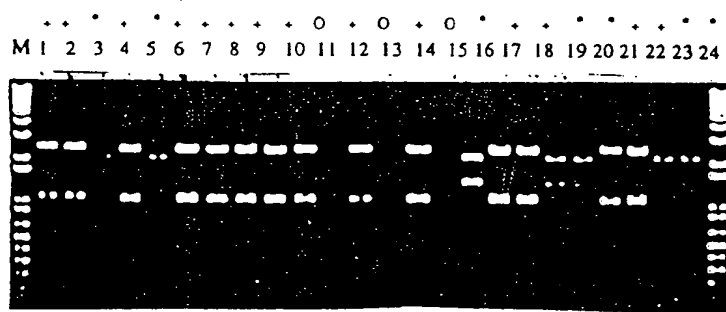
A | ter' | anneal  
|  
| ter |  
|  
| generate overhang |

FIGURE 12

204020" 2752500F



A



B

Fig. 13



Fig. 14

207020" 6454900T